

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 10541-636

Total Pages in this Submi

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| | ש | | | _ | ton, D.C. 20231 | | | | | |
| r ener nventio | | | = | S.C. 111(a) ar | and 37 C.F.R. 1.53(b) is a new utility patent application for an | | | | | |
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| - CC | NIT | INILIA | FION APPLICATION of | and appropriat | te box and supply the requisite information: | | | | | |
| C | | | | | ion-in-part (CIP) of prior application No.: | | | | | |
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| Enclos | seu a | ire: | | Applicat | ition Elements | | | | | |
| <i>.</i> | | | | | | | | | | |
| "]. | × | Filir | g fee as calculated and tra | ansmitted as d | described below | | | | | |
| 2. | X | Spe | ification having | 17 | pages and including the following: | | | | | |
| | | | | | | | | | | |
| | a. | X | Descriptive Title of the Invention | | | | | | | |
| | b. | | Cross References to Related Applications (if applicable) | | | | | | | |
| | c. | | Statement Regarding Fe | derally-sponso | ored Research/Development (if applicable) | | | | | |
| | d. | | applicable) | | | | | | | |
| d. Reference to Microfiche Appendix (if applicable)e. Appendix (if applicable) | | | | | | | | | | |
| | | | | | | | | | | |
| | f. | | Brief Summary of the Invention | | | | | | | |
| | g. | X | Brief Description of the D | rawings (if dra | awings filed) | | | | | |
| | h. | X | Detailed Description | | | | | | | |
| | i. | X | Claim(s) as Classified Be | low | | | | | | |
| | ı | \Sigma | Abstract of the Disclosure | | | | | | | |

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| 3. | X | Drawing(s) (when necessary as prescribed by 35 USC 113) | | | | | | | |
|---|----|--|---|---|--|--|--|--|--|
| | a. | X | Formal | Number of Sheets3 | | | | | |
| | b. | | Informal | Number of Sheets | | | | | |
| 4. | X | Oath or Declaration | | | | | | | |
| | a. | a. Newly executed (original or copy) Unexecuted | | | | | | | |
| | b. | Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) | | | | | | | |
| | c. | | With Power of A | attorney | | | | | |
| 10 mm | d. | DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). | | | | | | | |
| | | The und | Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. | | | | | | |
| 6. | | Computer Program in Microfiche (Appendix) | | | | | | | |
| 7. | | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) | | | | | | | |
| | a. | ☐ Paper Copy | | | | | | | |
| kade Kade | b. | ☐ Computer Readable Copy (identical to computer copy) | | | | | | | |
| | C. | Statement Verifying Identical Paper and Computer Readable Copy | | | | | | | |
| | | Accompanying Application Parts | | | | | | | |
| 8. | | Assignment Papers (cover sheet & document(s)) | | | | | | | |
| 9. | | 37 CFR 3.73(B) Statement (when there is an assignee) | | | | | | | |
| 10. | | English Translation Document (if applicable) | | | | | | | |
| 11. | X | Information Disclosure Statement/PTO-1449 🗷 Copies of IDS Citations | | | | | | | |
| 12. | | Preliminary Amendment | | | | | | | |
| 13. | X | Acknowledgment postcard | | | | | | | |
| 14. | X | Certificate of Mailing | | | | | | | |
| | | | First Class 🗷 | Express Mail (Specify Label No.): EF378197578US | | | | | |

Application Elements (Continued)

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

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submitting the notice was unintentional.

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| | Accompanying Application Parts (Continued) |
|---------------------------------------|---|
| 15. | Certified Copy of Priority Document(s) (if foreign priority is claimed) |
| 16. | Additional Enclosures (please identify below): |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2) Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application. Warning |
| | An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. |

122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in

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Fee Calculation and Transmittal

| CLAIMS AS FILED | | | | | | | | |
|--|-----------------------------|----------|--------|---|---------|--|----------|--|
| For | #Filed | #Allowed | #Extra | | Rate | | Fee | |
| Total Claims | 33 | - 20 = | 13 | x | \$18.00 | | \$234.00 | |
| Indep. Claims | 4 | - 3 = | 1 | х | \$84.00 | | \$84.00 | |
| Multiple Dependent Claims (check if applicable) | | | | | | | | |
| 1 02 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | BASIC FEE | | | | | | | |
| OTHER FEE (specify | OTHER FEE (specify purpose) | | | | | | | |
| · · | TOTAL FILING FEE | | | | | | | |
| □ A check in the amount of to cover the filing fee is enclosed. □ The Commissioner is hereby authorized to charge and credit Deposit Account No. 06-1500 as described below. A duplicate copy of this sheet is enclosed. □ Charge the amount of \$1,058.00 as filing fee. □ Credit any overpayment. □ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. □ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). □ Lawrence G. Almeda, Registration No. 46,151 Attorney for Applicants □ BRINKS HOFER GILSON & LIONE □ P. O. Box 10395 | | | | | | | | |

cc: Steven L. Obreholtzer

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